



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D2230-1

Job Sheet 171145



Part No: D2230-1

Job Qty: 90 ea **88**

Part Name: Mounting Lug



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/29/18

Job Tracking No:

Due Date: 2/16/18

Created By: Diane Baker

Type: Stock

Description:

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Purchasing	90 pcs		2/15/18	0.00	0.00	Purchasing		AL 18/05/14
120	Packaging	90 pcs		2/15/18	0.00	0.00	Packaging2		AP 18/05/14
130	QC	90 pcs		2/15/18	0.00	0.00	QC6		MAY 19 2018
140	HandFinish	90 pcs		2/15/18	0.00	0.78	HandFinish1		9-89
150	QC	90 pcs		2/15/18	0.00	0.00	QC7		
160	Powdercoat	90 pcs		2/16/18	0.00	0.84	Powdercoat1		DAS
170	QC	90 pcs		2/16/18	0.00	0.00	QC3		11 MAY 22 2018
180	Packaging	90 pcs		2/16/18	0.00	0.00	Packaging3		9-89
190	QC21-SA	90 Ea		2/16/18	0.00	0.00	QC21		DAS 21 MAY 22 2018

Part Op 110 - Issue P/O to Metec: **035554**

Descriptions: 120 - Ensure C of C is attach

160 - START TIME: _____

JAN 29 2018

WAB

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2230-1P	Lug	90 pcs (1 ea)	110-Purchasing	5071108
D2423	Lug Extrusion	6.1470 ft (.0683 ea)	110-Purchasing	5071113

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Purchasing	D2230-1P	90	0	0
	D2423	6	829	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Mounting Lug	4.450Inches ± 0.010	4.460 4.440		
2	Mounting Lug	0.306Inches ± 0.010	0.316 0.296		
3	Mounting Lug	0.345Inches ± 0.010	0.355 0.335		
4	Mounting Lug	0.400Inches ± 0.010	0.410 0.390		
5	Mounting Lug	0.250Inches ± 0.010	0.260		

[REDACTED]

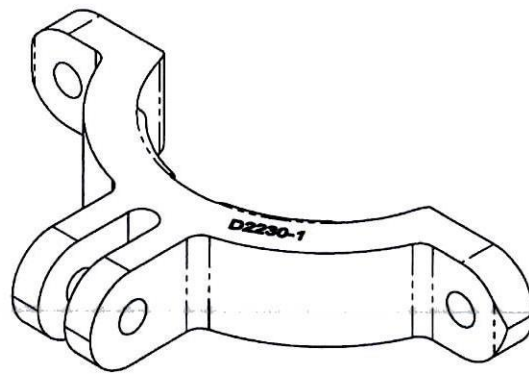
PART NO: D2230-1
Serial No/Batch: S071114
Revision:
Operation: Packaging
Change No:

Packaging

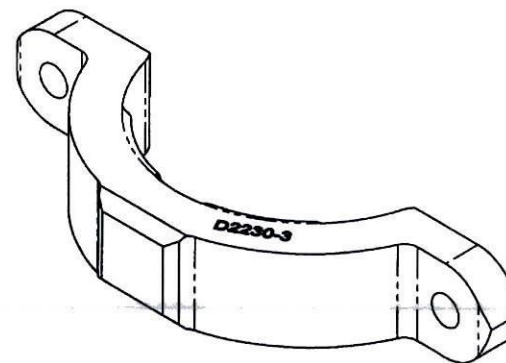
Job No: 171145

			0.240	
6	Mounting Lug	3.700Inches ± 0.010	3.710 3.690	
7	Mounting Lug	0.750Inches ± 0.010	0.760 0.740	
8	Mounting Lug	0.257Inches + 0.005 - 0.000	0.262 0.257	Diameter
9	Mounting Lug	1.910Inches ± 0.010	1.920 1.900	
10	Mounting Lug	1.200Inches ± 0.010	1.210 1.190	Radius
11	Mounting Lug	0.375Inches ± 0.010	0.385 0.365	
12	Mounting Lug	0.273Inches ± 0.010	0.283 0.263	

Plex 1/29/18 2:10 PM dart.baker.diane



D2230-1 MOUNTING LUG



D2230-3 MOUNTING LUG

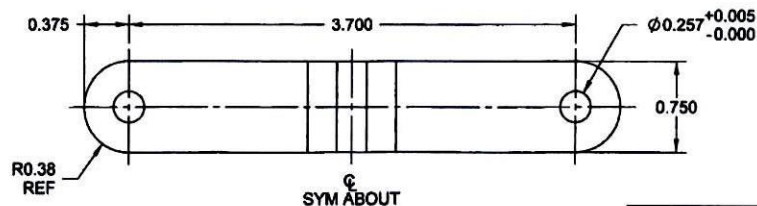
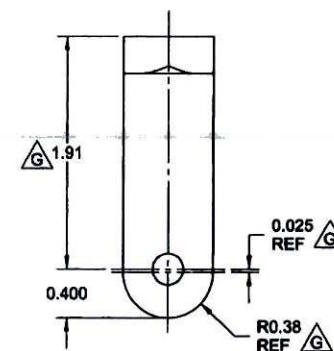
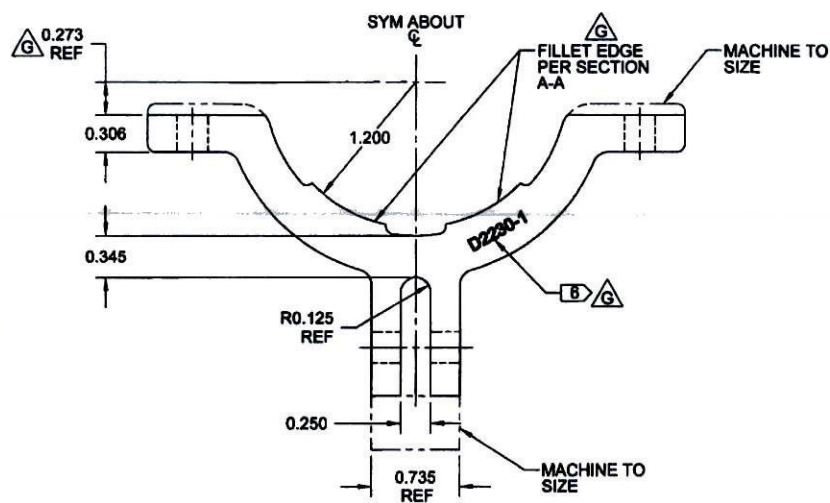
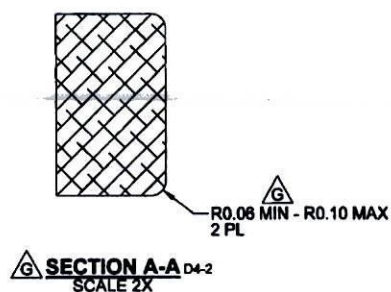
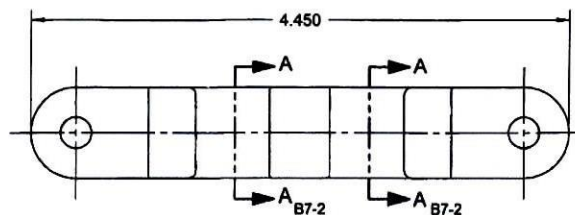
RELEASED
09/06/15



NOTES:

- 1) MATERIAL: MAKE FROM D2423 EXTRUSION
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ENGRAVE PART NUMBER TO A DEPTH OF 0.010 $\pm$ 0.005 IN THIS LOCATION, WITH TOOL TIP RADIUS OF 0.015 $\pm$ 0.005.
- 7) WEIGHT: -1: 0.16 lbs
-3: 0.14 lbs

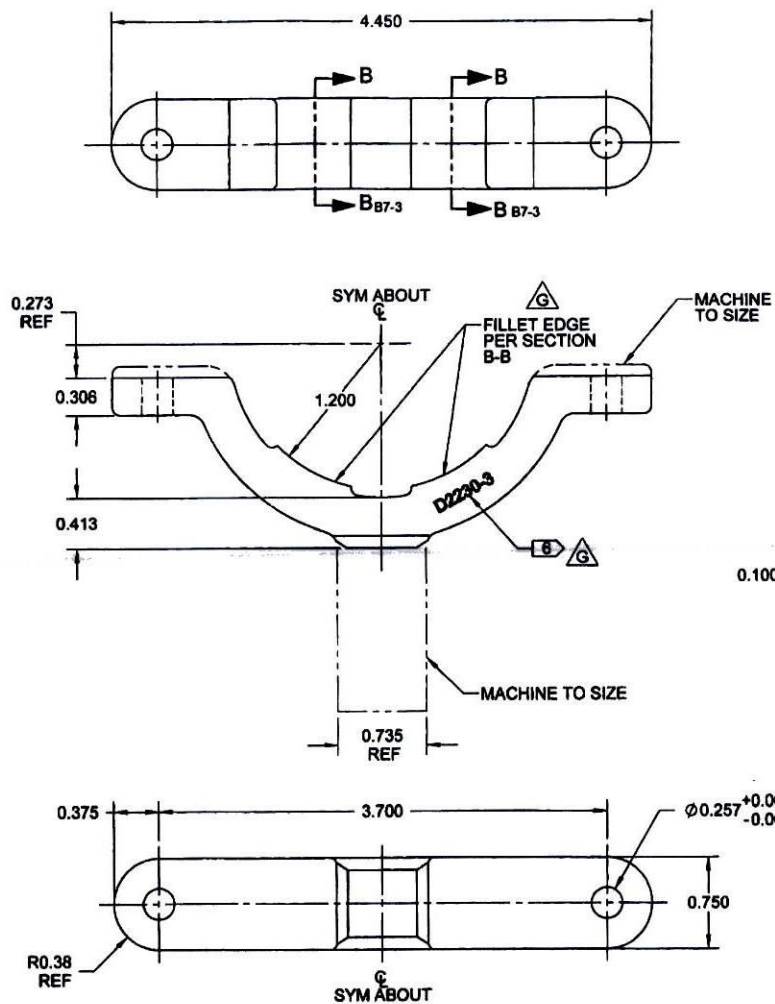
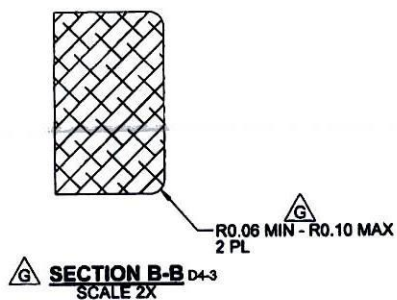
REV.	DESCRIPTION	BY	DATE
G	REDRAWN IN SOLIDWORKS TO CURRENT DESIGN STANDARDS. REFER TO SECTION A-A & B-B FILLET ADDED TO PREVENT CHAFING OF RUBBER CUSHION ON INSTALLATION.	AJS	09.01.16
F	REDESIGN; R1.200 WAS 1.100	CP	98.12.13
E	RE-DESIGN	BW	95.01.04
D	RE-DESIGN	BW	95.01.04
C	RE-DESIGN	BW	94.03.30
DESIGN	BW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D2230 TITLE MOUNTING LUG REV. G SHEET 1 OF 3 SCALE NTS COPYRIGHT © 1994 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE LOANED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DRAWN	AJS		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.01.16		



D2230-1 MOUNTING LUG

RELEASED
09/06/25/NT

DESIGN	BW	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. D2230	REV. G
MFG. APPR.			SHEET 2 OF 3
APPROVED		TITLE MOUNTING LUG	SCALE
DE APPR.			NTS
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D2230-3 MOUNTING LUG

RELEASED
09/06/23

DESIGN	BW	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. G
MFG. APPR.		D2230	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		MOUNTING LUG	NTS
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038884

Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038884

PO Date: 1/26/18

Due Date: 2/2/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Baker, Diane
Phone: dbaker@dartaero.com

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
JAN 29 2018

Items											
Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	D2230-3P			Lug As Per Dwg D2230 Rev. G Alodine and Paint as per QSI005	Firmed	2/2/18	160 pcs ✓	0 pcs 160	160 pcs	\$13.80/pcs AT 18/01/31	\$2,208.00
Line Item Note job# 170990											
2	D3235-1P			Lug As Per Dwg D3235 Rev. A Alodine and Paint as per QS I005	Firmed	2/2/18	42 pcs ✓	0 pcs 42 x	42 pcs	\$15.00/pcs AT 18/01/31	\$630.00
Line Item Note job# 170998											
3	D2230-1P			Lug As Per Dwg D2230 Rev. G Alodine and Paint as per QSI 005	Firmed	2/2/18	10 pcs ✓	0 pcs 10 x	10 pcs	\$16.10/pcs AT 18/01/31	\$161.00
4	D3910-1P			Crosstube Lug As Per Dwg D3910 Rev. E Alodine and Paint as pe QSI 005	Firmed	2/2/18	20 pcs ✓	0 pcs 20 x	20 pcs	\$16.10/pcs AT 18/01/31	\$322.00
Line Item Note job# 171073											
5	D3910-3P			Crosstube Lug As Per Dwg D3910 Rev. E Alodine and Paint as Per QSI 005	Firmed	2/2/18	35 pcs ✓	0 pcs 35 x	35 pcs	\$16.10/pcs AT 18/01/31	\$563.50
Line Item Note job# 171074											
6	D3910-7P			Crosstube Lug As Per Dwg. D3910 Rev. E Alodine and Paint as Per QSI 005	Firmed	2/2/18	20 pcs ✓	0 pcs 20 x	20 pcs	\$16.10/pcs AT 18/01/31	\$322.00
Line Item Note job# 171075											



Dart Aerospace Ltd.
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Hawkesbury, ON
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Canada

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PURCHASE ORDER

PO038884

Items											
Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	D2230-3P			Lug As Per Dwg D2230 Rev. G Alodine and Paint as per QSI005	Firmed	2/23/18	80 pcs <i>80</i>	0 pcs <i>79 x</i> <i>1 x</i>	80 pcs <i>79 pcs</i> <i>CL</i>	\$13.80/pcs APR 27 2018 <i>AT 18/05/14</i>	\$1,104.00 <i>AT 18</i>
Line Item Note job# 171142											
8	D3235-1P			Lug As Per Dwg D3235 Rev. A Alodine and Paint as per QS I005	Firmed	2/23/18	58 pcs	0 pcs <i>58 x</i>	58 pcs	\$15.00/pcs <i>AT 18/05/14</i>	\$870.00
Line Item Note job# 171144											
9	D2230-1P			Lug As Per Dwg D2230 Rev. G Alodine and Paint as per QSI 005	Firmed	2/23/18	90 pcs <i>88 pcs</i>	0 pcs <i>88 x</i>	90 pcs <i>88 pcs</i>	\$16.10/pcs <i>AT 18/05/14</i>	\$1,449.00
Line Item Note job# 171145											
Grand Total:										\$7,629.50	

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

Plex 1/29/18 2:30 PM dart.baker.diane

DAS
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9-89



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

DAS
11
9-89

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

MAY 19 2018

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>PART NAME</u>	<u>P.O. NUMBER</u>
1	D2230-3	Mounting Lug Paint Batch # 21965 / Material Batch # 160522	38884
58	D3235-1	Mounting Lug Paint Batch # 21981 / Material Batch # 160522	38884
88	D2230-1	Mounting Lug Paint Batch # 21965 / Material Batch # 160522	38884

MATERIAL: supplied by DART

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Heather Nixon

Vankleek Hill, May 8, 2018